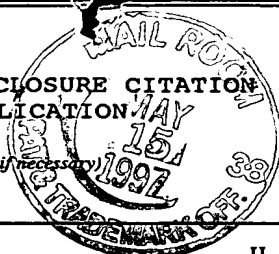


FORM PTO-1449
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MCE96-01SERIAL NO.
08/803,420APPLICANT
William G. Thorburn et al.FILING DATE
February 20, 1997

GROUP

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>MN</i>	AA	4,872,751	10-10-89	Hercher	356	35.5	
<i>MN</i>	AB	5,098,190	03-24-92	Wijntjes et al.	356	356	
<i>MN</i>	AC	5,317,385	05-31-94	Silva et al.	356	356	
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MN</i>	AR	Yamaguchi, Ichirou et al., "Laser speckle rotary encoder," <u>Applied Optics</u> , Vol. 29, No. 20, October 15, 1989, pp 4401-4406.
<i>MN</i>	AS	Yamaguchi, Ichirou et al., "Linear and rotary encoders using electronic speckle correlation," <u>Optical Engineering</u> , Vol. 30, No. 12, December 1991, pp 1862-1868.
<i>MN</i>	AT	Hercher, Michael et al., "Interferometric measurement of in-plane motion," Optical Testing and Metrology III: Recent Advances in Industrial Optical Inspection; Proceedings of the Meeting, San Diego, CA, July 8-13, 1990. Society of Photo-Optical Instrumentation Engineers, Vol. 1332, 1990, pp 602-612.

EXAMINER

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